

## PATENT ABSTRACTS OF JAPAN

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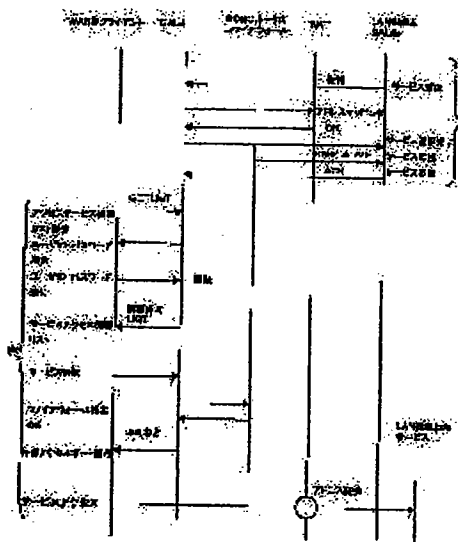
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**(54) COMMUNICATION RELAY DEVICE, COMMUNICATION RELAY METHOD, AND COMMUNICATION TERMINAL, AND PROGRAM STORAGE MEDIUM****(57)Abstract:**

**PROBLEM TO BE SOLVED:** To provide a communication network system by which a WAN side terminal can acquire service information of a LAN side terminal and access the LAN side terminal.

**SOLUTION:** A communication relay device periodically monitors a state of service of terminals under the management of a network connection device acting like a communication relay device such as a router and a gateway to manage the serviceable services by each terminal and provides a serviceable service list to a client requesting an access from an external network such as the Internet in a form of a service access device list, and the network connection device connects the service selected from the list by the client through address conversion. Through the configuration above, the WAN side terminal can access the LAN side terminal by designating a specific service.

**LEGAL STATUS**

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